

Message Text

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SUBJECT: PROPOSED SATELLITE DATA COLLECTION SYSTEMS
SEMINARS

REPRESENTATIVES OF THE UNITED STATES GEOLOGICAL SURVEY AND
THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION PROPOSE
TO CONDUCT A SEMINAR ON SATELLITE DATA COLLECTIONS SYSTEMS
DURING THE WEEK OF JANUARY 17, 1977, FOR THE DIVISION NASA,
SEDE SANTIAGO OCCIDENTE, UNIVERSIDAD DE CHILE; AND, DURING
THE WEEK OF JANUARY 24, TO THE SERVICIO GEOLOGICO DE
BOLIVIA.

THE OBJECTIVE OF THE SEMINARS WILL BE TO INSTRUCT AND
ASSIST CHILEAN AND BOLIVIAN SCIENTISTS AND ENGINEERS IN THE
USE OF SATELLITE DATA COLLECTION SYSTEMS, WHICH IS A NEW
TECHNOLOGY FOR TELEMETERING DATA FROM IN SITU SENSORS VIA
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PAGE 02 STATE 310290

SATELLITE.

THESE SEMINARS RESULTED FROM A WORKSHOP ON SATELLITE
DATA COLLECTION SYSTEMS THAT THE GEOLOGICAL SURVEY HELD AT
FT. CLAYTON IN THE PANAMA CANAL ZONE IN JUNE OF 1975. THE
WORKSHOP PARTICIPANTS INCLUDED REPRESENTATIVES FROM NINE

LATIN AMERICAN COUNTRIES AND WAS THE FIRST EXPOSURE LATIN

AMERICAN SCIENTISTS HAD TO THIS SATELLITE TECHNOLOGY. SINCE THE PANAMA WORKSHOP, THERE HAS BEEN A CONSIDERABLE AMOUNT OF INTEREST EXPRESSED BY BOLIVIA AND CHILE FOR MORE TRAINING.

AT THE REQUEST OF THE TWO GOVERNMENTS, MR. J. EARLE PAINTER OF THE NASA GODDARD SPACE FLIGHT CENTER IN GREENBELT, MARYLAND, AND MR. RICHARD W. PAULSON OF THE GEOLOGICAL SURVEY'S NATIONAL CENTER IN RESTON, VIRGINIA, PROPOSE TO VISIT SANTIAGO FROM JANUARY 15 TO JANUARY 23 AND LA PAZ FROM JANUARY 23 TO JANUARY 31, 1977. IN EACH COUNTRY, THEY EXPECT TO HOLD A GENERAL ONE-DAY WORKSHOP FOLLOWED BY AN INTENSIVE FIVE-DAY SESSION WITH A SMALL NUMBER OF SCIENTISTS AND ENGINEERS TO FURTHER TRAIN THEM. IN PREPARATION FOR THE VISIT, ELECTRONIC EQUIPMENT HAS BEEN SHIPPED TO MAJOR CHARLES GEISWITE OF THE IAGS/CHILE AND MR. SAM ALLEN OF IAGS/BOLIVIA.

DURING THE ONE-WEEK STAY IN EACH COUNTRY, PAULSON AND PAINTER WILL ATTEMPT TO TELEMETER TEST DATA FROM CHILE OR BOLIVIA TO THE UNITED STATES VIA A U.S. GOVERNMENT SATELLITE, THE GEOSTATIONARY OPERATIONAL ENVIRONMENTAL SATELLITE (GOES). (THE CHILEAN/BOLIVIAN HOST AGENCIES ARE OBTAINING LOCAL AUTHORIZATION TO TRANSMIT.) WITH THE COOPERATION OF NOAA, PAULSON AND PAINTER ARE ATTEMPTING TO ESTABLISH A TEMPORARY AD HOC PROCEDURE TO RETURN THE TEST DATA TO THE U.S. EMBASSIES IN CHILE AND BOLIVIA VIA THE "AUTODIN" SYSTEM. THE GEOLOGICAL SURVEY WOULD APPRE-

UNCLASSIFIED

PAGE 03 STATE 310290

CIATE THE COOPERATION OF EMBASSY PERSONNEL TO LOOK FOR AND MAKE AVAILABLE TO PAULSON AND PAINTER THESE TEST DATA MESSAGES. THIS TEMPORARY PROCEDURE WILL HAVE A DURATION OF 3-5 DAYS FOR EACH EMBASSY, WILL INVOLVE A MINIMAL AMOUNT OF DATA, AND SHOULD NOT BE DISRUPTIVE TO EMBASSY ACTIVITIES.

PRIMARY CONTACTS IN THE TWO COUNTRIES ARE MAURICIO ARAYA FIGUEROA OF THE UNIVERSIDAD DE CHILE AND DR. CARLOS BROCKMANN OF THE SERVICIO GEOLOGICO DE BOLIVIA. PRIMARY U.S. CONTACT IS RICHARD W. PAULSON, U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA, WHO WILL CONTACT EMBASSIES UPON ARRIVAL. USGS WOULD ALSO APPRECIATE BEING ADVISED APPROPRIATE CONTACT IN EMBASSIES.

IF EMBASSIES SANTIAGO OR LA PAZ FORSEE ANY DIFFICULTIES WITH USE OF DOD COMMUNICATIONS SYSTEM, I.E., AUTODIN, USGS WOULD APPRECIATE IMMEDIATE REPLY IN ORDER THAN PROBLEMS

CAN BE RESOLVED AND PROJECT CAN GO FORWARD AS PLANNED.
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